



FORM PTOL 1449 U.S. DEPARTMENT OF COMMERCE										ATTY. DOCKET NO. S02-161/US		SERIAL NO. 10/696592	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT Jeremy A. Johnson			
										FILING DATE 10/28/2003			
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		A	4	3	8	7	5	9	7	DATE	NAME	RELEVANT INFORMATION	
		A	4	3	8	7	5	9	7	06/14/1983	Brandestini		
		B	4	5	5	3	4	3	7	11/19/1985	Luthra et al.		
		C	4	5	8	6	1	3	5	04/29/1986	Matsumoto		
		D	4	8	3	9	6	5	2	06/13/1989	O'Donnell et al.		
		E	5	2	6	9	3	0	7	12/14/1993	Fife et al.		
		F	5	2	7	8	7	5	7	01/11/1994	Hocter et al.		
		G	5	4	6	1	3	8	9	10/24/1995	Dean		
		H	5	4	6	5	7	2	2	11/14/1995	Fort et al.		
FOREIGN PATENT DOCUMENTS													
		2- letter code	DOCUMENT NUMBER				DATE		COUNTRY			TRANSLATION	
												YES	NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	K		L.F. Nock et al., "Synthetic Receive Aperture Imaging with Phase Correction for Motion and for Tissue Inhomogeneities. I: Basic Principle," IEEE Trans. Ultrason., Ferroelect., Freq. Contr., vol. 39, pp. 489-95 (1992).										
			M. Karaman, "Ultrasonic Array Imaging Based on Spatial Interpolation," 3rd IEEE International Conference on Image Processing, pp. 745-748 (1996).										
	L		O. Oralkan et al., "Capacitive Micromachined Ultrasonic Transducers: Next Generation Arrays for Acoustic Imaging?," IEEE Trans. Ultrason., Ferroelect., Freq. Contr., vol. 49, pp. 1596-1610 (2002).										
			J. A. Johnson et al., "Phased Subarray Processing for Underwater 3D Acoustic Imaging," presented at Oceans '02, MTS/IEEE (2002).										
	M		J. Johnson et al., "Synthetic Phased Array Image Formation and Restoration," ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings, vol. 3, pp. 2885-2888 (2002).										
			J. A. Johnson et al., "Image Formation and Restoration Using Multi-Element Synthetic Array Processing," Proceedings of SPIE The International Society for Optical Engineering, 2002.										
	N		J. A. Johnson et al., "Phased Subarray Imaging for Low-Cost, Wideband Coherent Array Imaging," Proceedings of the IEEE Ultrasonics Symposium (2003).										
			Jeremy A. Johnson et al., "Coherent Array Imaging Using Phased Subarrays -- Part I: Basic Principles," preprint (2003).										
EXAMINER										DATE CONSIDERED			
										8-30-06			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE										ATTY. DOCKET NO. S02-161/US					SERIAL NO. 10/696592				
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT Jeremy A. Johnson									
										FILING DATE 10/28/2003					GROUP 3737				
U.S. PATENT DOCUMENTS																			
EXAMINER INITIAL		DOCUMENT NUMBER								DATE				NAME				RELEVANT INFORMATION	
		A	5	5	2	0	1	8	6	05/28/1996				Deitrich					
		B	5	5	7	9	7	7	0	12/03/1996				Finger					
		C	5	5	8	1	5	1	7	12/12/1996				Gee et al.					
		D	5	6	1	7	8	6	2	04/08/1997				Cole et al.					
		E	5	6	2	3	9	2	8	04/29/1997				Wright et al.					
		F	5	5	6	7	3	7	3	09/16/1997				Wright et al.					
		G	5	6	7	5	5	5	0	10/07/1997				Ekhaus					
		H	5	6	7	6	1	4	7	10/14/1997				Petrofsky et al.					
		I	5	7	8	4	3	3	6	07/21/1998				Gopinathan et al.					
		J	5	7	9	3	7	0	1	08/11/1998				Wright et al.					
		K	5	9	4	0	1	2	3	08/17/1999				Daigle et al.					
		L	5	9	5	1	4	7	9	09/14/1999				Holm et al.					
		M	5	9	8	0	4	5	8	11/09/1999				Clark					
FOREIGN PATENT DOCUMENTS																			
		2- letter code		DOCUMENT NUMBER						DATE				COUNTRY				TRANSLATION	
																		YES NO	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)																			
		N	Jeremy A. Johnson et al., "Coherent Array Imaging Using Phased Subarrays -- Part II: Simulations and Experimental Results," preprint (2003).																
EXAMINER										DATE CONSIDERED 8-30-06									
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE										ATTY. DOCKET NO. S02-161/US					SERIAL NO. 10/696592						
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT Jeremy A. Johnson											
										FILING DATE 10/28/2003					GROUP 3737						
U.S. PATENT DOCUMENTS																					
EXAMINER INITIAL				DOCUMENT NUMBER					DATE			NAME					RELEVANT INFORMATION				
		A		6	0	1	3	0	3	2	01/11/2000			Savord et al.							
		B		6	0	1	6	2	8	5	01/18/2000			Wright et al.							
		C		6	0	4	2	5	4	7	03/28/2000			Wright et al.							
		D		6	0	6	6	0	9	9	05/23/2000			Thomenius et al.							
		E		6	0	7	1	2	4	0	06/06//2000			Hall et al.							
		F		6	1	2	6	6	0	2	10/03/2000			Savord							
		G		6	2	0	1	9	0	0	03/13/2001			Hossack et al.							
		H		6	3	6	0	0	2	7	03/19/2002			Hossack et al.							
FOREIGN PATENT DOCUMENTS																					
				2- letter code		DOCUMENT NUMBER					DATE			COUNTRY					TRANSLATION		
																			YES		NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)																					
		K																			
		L																			
		M																			
EXAMINER										DATE CONSIDERED											
										8-30-06											
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																					